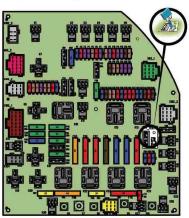
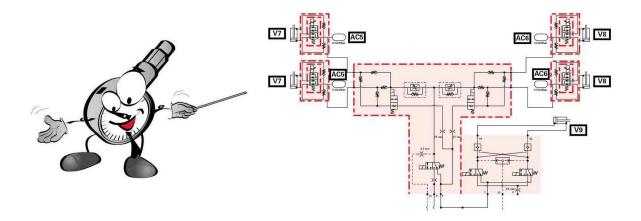


Technician Service Book - MF 7700 S series tractors

Schémas électriques et hydrauliques









Technician Service Book - MF 7700 S series tractors

1	Genera	al Infor	mation	1-1
	1.1	Gener	al specifications	1-3
			General specifications for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S	
		model	S	
			1.1.1.1 Models MF 7700 S Dyna-4	
			1.1.1.2 Models MF 7700 S Dyna-6	
		112	General specifications for MF 7720 S, MF 7722 S, MF 7724 S and MF 7726 S	-20
			s	-28
			1.1.2.1 Models MF 7700 S Dyna-6	
			1.1.2.2 Models MF 7700 S Dyna-VT	-39
	1.2	Forwa	rd speeds	-50
		1.2.1	Forward speeds for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models $$. $$ 1	-50
			1.2.1.1 Forward speed at maximum speed with Dyna-4 40 kph transmission and	
			20.8R38 tires	-50
			1.2.1.2 Forward speed at maximum speed with Dyna-6 40 kph transmission and 20.8R38 tires	E1
			1.2.1.3 Forward speed at maximum speed with Dyna-6 50 kph transmission and	- 5 1
			20.8R38 tires	-53
			1.2.1.4 Forward speed for all models with Dyna-VT transmission	
		1.2.2	Forward speeds for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models	
				-55
			1.2.2.1 Forward speed at maximum speed with Dyna-6 40 kph transmission: and	
			20.8R42 tires	-55
			20.8R42 tires	-57
			1.2.2.3 Forward speed with Dyna-6 transmission, 40 kph and 50 kph with	0,
			creeper speed option and 20.8R42 tires	
			1.2.2.4 Forward speed for all models with Dyna-VT transmission	-60
	1.3		nsions and weights	-61
			Dimensions and weights for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S	
		model		
		122	1.3.1.1 Dimensions and weights	-6 I
		model	_	-64
		1110001	1.3.2.1 Dimensions and weights	
	1.4	Attach	nment points	
			Attachment points for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models	
			1.4.1.1 Attachment points: Dyna-4/Dyna-6 models without front linkage 1	
			1.4.1.2 Attachment points: Dyna-4/Dyna-6 models with front linkage	
			1.4.1.3 Attachment points: Dyna-VT models without front linkage	
		1.4.2	1.4.1.4 Attachment points: Dyna-VT models with front linkage	-/9
			•	-81
			1.4.2.1 Attachment points: Dyna-6 models without front linkage	-
			1.4.2.2 Attachment points: Dyna-6 models with 4 t front linkage (Imperial: 4.4 US	
			ton)	
			1.4.2.3 Attachment points: Dyna-VT models without front linkage	-84



			1.4.2.4 Attachment points: Dyna-VT models with 4 t front linkage (Imperia	ıl:
			4.4 US ton)	. 1-85
	1.5	capac	ities	1-87
		1.5.1	Capacities for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models	1-87
			1.5.1.1 capacities	. 1-87
		1.5.2	Capacities for , MF 7720 S, MF 7722 S, MF 7724 S and MF 7726 S models	. 1-88
			1.5.2.1 Capacities for models with a Tier 3/Stage IIIA engine	1-88
			1.5.2.2 Capacities for models with a Tier 4F/Stage IV SCR Technology engine	
			Accumulator pressure and volume	
	1.6	Tighte	ening torques, retaining compounds and sealing products	1-92
		1.6.1	Retaining compounds and sealing products	1-92
		1.6.2	Tightening torques for screws and nuts	. 1-93
		1.6.3	Tightening torques for hydraulic unions	. 1-97
	1.7	Units	of measurement	1-101
		1.7.1	Conversion table	1-101
2	Error o	odes .		. 2-1
	2.1	Error (codes	. 2-3
		2.1.1	General table of faults	2-3
		2.1.2	Indicator light panel	2-6
		2.1.3	Indication of faults	. 2-14
			Description of error code format	
			Instrument panel error codes Dyna-VT	
			Instrument panel error codes Dyna-4/Dyna-6	
			AGCO Power Tier 3/Stage IIIA engine and Tier 4F/Stage IV SCR Technolog	
			e error codes	
			Dyna-VT transmission error codes	
			Transmission error codes Dyna-4/Dyna-6	
			ParkLock error codes	
			ParkLock error codes	
			Front axle error codes Dyna-VT	
			Rear power take-off error codes Dyna-VT	
			Power take-off error codes Dyna-4/Dyna-6	
			Error codes for the high-pressure braking	
			Rear linkage error codes	
			Front power lift error codes	
			Armrest error codes	
			Hydraulic valve error codes	
			Air conditioning error codes	
		2.1.22	Error codes of the keypad in the pillar	. 2-54
		2.1.23	Suspended cab error codes	2-54
3	Fuse b	ОХ		3-1
	3.1	Fuse k	DOX	3-3
		3.1.1	Description of the main fuse box	3-3
			Description of the secondary fuse box (depending on model)	
			Description of additional fuses and relays	
		3.1.4	Battery isolator	. 3-26
_				
4			grams	
	4.1	Electr	ical diagrams	. 4-5
			Identification of electrical diagrams	
			Identification of electrical connectors from X1 to X500	
			Identification of electrical connectors from X501 to X1000	
			Identification table for cable colors	
		4.1.5	Electrical diagrams	4-31



4.1.5.1 EFD00000_12 - Battery 12 V power supply points	4-31
4.1.5.2 EFD00000_13 - Battery earth points	
4.1.5.3 EFD00100_17 - Dyna-VT 4-wheel drive	
4.1.5.4 EFD00100_18 - Dyna-6 4-wheel drive	
4.1.5.5 EFD00100_19 - Dyna-4 4-wheel drive	
4.1.5.6 EFD00101_17 - Dyna-VT differential lock	
4.1.5.7 EFD00101_18 - Dyna-6 differential lock	
4.1.5.8 EFD00101_19 - Dyna-4 differential lock	
4.1.5.9 EFD00111_41 - Dyna-VT transmission- 1/2	
4.1.5.10 EFD00111_41 - Dyna-VT transmission- 2/2	
	4-41
	4-42
4.1.5.13 EFD00111_42 - GTA1540 Dyna-6 transmission Essential - 3/4	
4.1.5.14 EFD00111_42 - GTA1540 Dyna-6 transmission Essential - 4/4	
4.1.5.15 EFD00111_43 - GTA2520 Dyna-6 Load Sensing transmission Essential -	
1/4	1- 15
4.1.5.16 EFD00111_43 - GTA2520 Dyna-6 Load Sensing transmission Essential -	7 70
2/4	1_16
4.1.5.17 EFD00111_43 - GTA2520 Dyna-6 Load Sensing transmission Efficient/	4-40
Exclusive - 3/4	1 17
	4-4/
4.1.5.18 EFD00111_43 - GTA2520 Dyna-6 Load Sensing transmission Efficient/	1 10
Exclusive - 4/4	4-48
4.1.5.19 EFD00111_44 - GTA2520 Dyna-6 Open Center transmission Essential -	4 40
1/4	4-49
4.1.5.20 EFD00111_44 - GTA2520 Dyna-6 Open Center transmission Essential -	
2/4	4-50
4.1.5.21 EFD00111_44 - GTA2520 Dyna-6 Open Center transmission Efficient/	
Exclusive - 3/4	4-51
4.1.5.22 EFD00111_44 - GTA2520 Dyna-6 Open Center transmission Efficient/	
Exclusive - 4/4	
4.1.5.23 EFD00111_45 - GTA2520 Dyna-4 Load Sensing transmission- 1/2	
_ ,	4-54
4.1.5.25 EFD00113_7 - Lighter	4-55
4.1.5.26 EFD00114_30 - Radio	4-56
4.1.5.27 EFD00116_12 - Suspended cab	
4.1.5.28 EFD00117_28 - Additional heater	4-58
4.1.5.29 EFD00117_39 - Automatic air conditioning	4-59
4.1.5.30 EFD00117_40 - Manual air conditioning for standard roof	4-60
4.1.5.31 EFD00117_41 - Manual air conditioning for high-visibility roof	
4.1.5.32 EFD00118_9 - DOT Matrix	
4.1.5.33 EFD00119_10 - Rear windscreen wiper	4-63
4.1.5.34 EFD00119_11 - Rear windscreen wiper for tractors with panoramic cab.	4-64
4.1.5.35 EFD00120_12 - Front windscreen wiper	
4.1.5.36 EFD00121_17 - Dyna-VT parking brake	
4.1.5.37 EFD00121_18 - Dyna-6 parking brake	
4.1.5.38 EFD00121_19 - Dyna-4 parking brake	
4.1.5.39 EFD00122_8 - Dyna-VT fuel gage	
4.1.5.40 EFD00122_9 - Dyna-4/Dyna-6 fuel gage	
4.1.5.41 EFD00123 - C3000	
4.1.5.42 EFD00123_24 - Datatronic CCD	
4.1.5.43 EFD00124_10 - Dyna-VT ParkLock	
4.1.5.44 EFD00124_11 - Dyna-4/Dyna-6 ParkLock	
4.1.5.45 EFD00124_17 - Dyna-VT ParkLock	
4.1.5.46 EFD00125_10 - Cab light	
4.1.5.47 EFD00126_11 - Extreme cold weather heating with automatic air	→-/ C
	1 77
conditioning	→ -//
conditioning for tractors with standard roof	1_7 0
CONGRESONING FOR LIBOROLD WITH STRINGTON TOOL	+ / C



4.1.5.49 EFD00126_13 - Extreme cold weather heating with manual	air
conditioning for tractors with high-visibility roof	
4.1.5.50 EFD00127_8 - Left-hand pillar 12 V socket	
4.1.5.51 EFD00128_17 - EAME/ISO cab current socket	
4.1.5.52 EFD00128_18 - NA/SAE cab current socket	
4.1.5.53 EFD00128_20 - EAME/ISO cab current socket_1/2	
4.1.5.54 EFD00128_20 - EAME/ISO cab current socket_2/2	
4.1.5.55 EFD00128_21 - NA/SAE cab current socket_1/2	
4.1.5.56 EFD00128_21 - NA/SAE cab current socket_2/2	
4.1.5.57 EFD00129_13 - Diagnostics connector- 1/2	
4.1.5.58 EFD00129_13 - Diagnostics connector- 2/2	
4.1.5.59 EFD00130_5 - Dyna-VT radar	
4.1.5.60 EFD00130_6 - Dyna-6 and Dyna-4 radar	
4.1.5.61 EFD00131_48 - Dyna-6 CAN network Efficient/Exclusive - tractor	
4.1.5.62 EFD00131_48 - Dyna-6 CAN network Efficient/Exclusive - engine	
4.1.5.63 EFD00131_48 - Dyna-6 CAN network Efficient/Exclusive - linkage	
4.1.5.64 EFD00131_48 - Dyna-6 CAN network Efficient/Exclusive - ISOBUS	
4.1.5.65 EFD00131_48 - Dyna-6 CAN network Essential - tractor	
4.1.5.66 EFD00131_48 - Dyna-6 CAN network Essential - engine	
4.1.5.67 EFD00131_48 - Dyna-6 CAN network - AGCO Power	
4.1.5.68 EFD00131_48 - Dyna-6 CAN network Essential - ISOBUS	
4.1.5.69 EFD00131_49 - Dyna-VT CAN network - tractor	
4.1.5.70 EFD00131_49 - Dyna-VT CAN network - linkage	
4.1.5.71 EFD00131_49 - Dyna-VT CAN network - engine	4-101
4.1.5.72 EFD00131_49 - Dyna-VT CAN network - ISOBUS	4-102
4.1.5.73 EFD00131_49 - Dyna-VT CAN network - AGCO Power	
4.1.5.74 EFD00132_7 - Electric rear-view mirrors	
4.1.5.75 EFD00135_11 - Ventilation for tractors with standard roof 4.1.5.76 EFD00135_12 - Ventilation for tractors with high-visibility roof	
4.1.5.77 EFD00136_59 - EAME direction indicators and flashing warning light:	
standard roof	
4.1.5.78 EFD00136_60 - NA direction indicators and flashing warning lights .	
4.1.5.79 EFD00136_61 - EAME direction indicators and flashing warning light:	
high-visibility roof	
4.1.5.80 EFD00137_23 - Number plate lighting (except Italy)	
4.1.5.81 EFD00137_24 - Italian number plate lighting	
4.1.5.82 EFD00138_35 - NA side lights	
4.1.5.83 EFD00138_42 - EAME side lights	
4.1.5.84 EFD00139_8 - Dyna-VT reversing light	
4.1.5.85 EFD00139_9 - Dyna-6 reversing light	
4.1.5.86 EFD00139_12 - Dyna-4 reversing light	
4.1.5.87 EFD00140_56 - High beam lamps and low beam lamps on grille + ha	nd
rail	. 4-117
4.1.5.88 EFD00140_57 - High beam lamps and low beam lamps on grille	4-118
4.1.5.89 EFD00141_105 - EAME work lights	4-119
4.1.5.90 EFD00141_106 - NA work lights	. 4-120
4.1.5.91 EFD00142_12 - Dyna-VT brake lights	. 4-121
4.1.5.92 EFD00142_13 - Dyna-6 brake lights	. 4-122
4.1.5.93 EFD00142_14 - Dyna-4 brake lights	4-123
4.1.5.94 EFD00143_27 - Rotary beacon	
4.1.5.95 EFD00144_8 - Control module	
4.1.5.96 EFD00145_13 - NA trailer connector	
4.1.5.97 EFD00145_14 - EAME trailer connector	
4.1.5.98 EFD00146_9 - Automatic air conditioning back-lighting	
4.1.5.99 EFD00146_10 - Manual air conditioning back-lighting	
4.1.5.100 EFD00148_13 - Audible alarm	
4 1 5 101 FFD00150 10 - Air filter vacuum sensor	4-131



		4.1.5.102 EFD00151_26 - AGCO Power EEM unit power supply (66/74 AV	
		engine)	
		4.1.5.103 EFD00151_27 - AGCO Power engine electronic injection for Efficient	
		and Exclusive tractor versions (44/66/74 AWF engine)	
		4.1.5.104 EFD00151_28 - AGCO Power engine electronic injection for Essent	
		tractor versions (44/66/74 AWF engine)	
		4.1.5.105 EFD00151_30 - AGCO Power EEM unit power supply (66/74 CW	
		engine)	
		4.1.5.106 EFD00151_31 - AGCO Power engine electronic injection for Efficient	
		and Exclusive tractor versions (66/74 CW-3 engine)	
		4.1.5.107 EFD00151_32 - AGCO Power engine electronic injection for Essent	
		tractor versions (66/74 CW-3 engine)	
		4.1.5.108 EFD00152_17 - DANA suspended front axle (for MF 7700 models) .	
		4.1.5.109 EFD00153_19 - AGCO Power preheating power supply (66/74 AV	
		engine)	
		4.1.5.110 EFD00153_20 - AGCO Power preheating power supply (66/74 CW	
		and 49AWF engine)	
		4.1.5.111 EFD00154_6 - Fuel preheater	
		4.1.5.112 EFD00157_6 - Vistronic Tier 4F/Stage IV SCR Technology engine	
		4.1.5.113 EFD00157_7 - Vistronic Tier 3/Stage IIIA engine	
		4.1.5.114 EFD00159_18 - Dyna-VT hydraulic spool valves	
		4.1.5.115 EFD00159_19 - Dyna-6 hydraulic spool valves	
		4.1.5.116 EFD00161_13 - Front linkage	
		4.1.5.117 EFD00162_11 - Dyna-VT Dual Control linkage and trailed implemen	
		(TIC)	
		4.1.5.118 EFD00162_12 - Dyna-6 Dual Control linkage and trailed implemen	
		(TIC)	
		4.1.5.119 EFD00167_2 - Triflash for tractors with panoramic cab	
		4.1.5.120 EFD00168_2 - Rear fog light for tractors with panoramic cab	
		4.1.5.121 EFD00170_3 - High-pressure braking Dyna-6	
		4.1.5.122 EFD00170_4 - High-pressure braking Dyna-4	
		4.1.5.123 EFD00172_6 - Front accessory connection socket_1/2	
		4.1.5.124 EFD00172_6 - Front accessory connection socket_2/2	
		4.1.5.125 EFD00173_7 - Water-in-fuel sensor of the Tier 4F/Stage IV SC Technology engine	
		4.1.5.126 EFD00173_8 - Water-in-fuel sensor of the Tier 3/Stage IIIA engine	
		4.1.5.127 EFD00174_20 - Dyna-VT air brake with ParkLock - 1/2	
		4.1.5.128 EFD00174_20 - Dyna-VT air brake with FarkLock - 1/2	
		4.1.5.129 EFD00174_21 - Dyna-6 air brake with ParkLock - 1/2	
		4.1.5.130 EFD00174_21 - Dyna-6 air brake without ParkLock - 2/2	
		4.1.5.131 EFD00174_23 - Dyna-4 air brake	
		4.1.5.132 EFD00175 - Tier3/Stage IIIA AGCO Power engine_1/3	
		4.1.5.133 EFD00175 - Tier3/Stage IIIA AGCO Power engine_1/3	
		4.1.5.134 EFD00175 - Tier3/Stage IIIA AGCO Power engine_2/3	
		4.1.5.135 EFD00175 - Tier4f/Stage II/A AGCO Power engine_3/3	
		4.1.5.136 EFD00175 - AGCO Power engine 49/66/74/84 AWF_2/3	
		4.1.5.137 EFD00175 - AGCO Power engine 49/66/74/84 AWF_3/3	
		4.1.5.138 EFD00176 - LoaderALO	
		4.1.5.139 EFD00176_14 - Dyna-6 front set	
		4.1.5.140 EFD00176_16 - Dyna-VT front set	
		4.1.5.141 EFD00183_2 - Implement attachment without Isobus	
		4.1.5.142 EFD00184_8 - AgCommand TM	
		- •	
5			
		esses	
		Identification of harnesses	
		Identification table for cable colors	
	5.1.3	Harnesses	5-15



5.1.3.1 FAI200 - Engine harness - 4392052_1/2	
5.1.3.2 FAI200 - Engine harness - 4392052_2/2	. 5-16
5.1.3.3 FAI200 - Engine harness Tier 3/Stage IIIA - ACW030920_1/3	. 5-17
5.1.3.4 FAI200 - Engine harness Tier 3/Stage IIIA - ACW030920_2/3	. 5-18
5.1.3.5 FAI200 - Engine harness Tier 3/Stage IIIA - ACW030920_3/3	. 5-19
5.1.3.6 FAI200 - Engine harness 74 AWF EAME- ACW048545_1/4	
5.1.3.7 FAI200 - Engine harness 74 AWF EAME - ACW048545_2/4	
5.1.3.8 FAI200 - Engine harness 74 AWF EAME - ACW048545_3/4	
5.1.3.9 FAI200 - Engine harness 74 AWF EAME - ACW048545_4/4	
5.1.3.10 FAI200 - Engine harness 66AWF NA - ACW054493_1/4	
5.1.3.11 FAI200 - Engine harness 66AWF NA - ACW054493_2/4	
5.1.3.12 FAI200 - Engine harness 66AWF NA - ACW054493_3/4	
5.1.3.13 FAI200 - Engine harness 66AWF NA - ACW054493_4/4	
5.1.3.14 FAI200 - Engine harness 74AWF NA - ACW235938_1/4	
5.1.3.15 FAI200 - Engine harness 74AWF NA - ACW235938_2/4	
5.1.3.16 FAI200 - Engine harness 74AWF NA - ACW235938_3/4	
5.1.3.17 FAI200 - Engine harness 74AWF NA - ACW235938_4/4	
5.1.3.18 FAI200 - Engine harness 66AWF NA - ACW313794_1/4	5-32
5.1.3.19 FAI200 - Engine harness 66AWF NA - ACW313794_2/4	5-33
5.1.3.20 FAI200 - Engine harness 66AWF NA - ACW313794_3/4	
5.1.3.21 FAI200 - Engine harness 66AWF NA - ACW313794_4/4	
5.1.3.22 FAI201 - Front headlights harness - 4388041_1/2	
5.1.3.23 FAI201 - Front headlights harness - 4388041_2/2	
5.1.3.24 FAI201 - Front headinghts harness - 4388042_1/2	
5.1.3.25 FAI201 - Front headiights harness - 4388042_1/2	
5.1.3.26 FAI201 - Front headlights harness - ACW219184_1/2	
5.1.3.27 FAI201 - Front headlights harness - ACW219184_2/2	
5.1.3.28 FAI201 - Front headlights harness - ACW227577_1/2	
5.1.3.29 FAI201 - Front headlights harness - ACW227577_2/2	
5.1.3.30 FAI201 - Front headlights harness - ACW380579_1/2	
5.1.3.31 FAI201 - Front headlights harness - ACW380579_2/2	
5.1.3.32 FAI203 - Drive train harness Dyna-VT - ACW016910_1/3	. 5-46
5.1.3.33 FAI203 - Drive train harness Dyna-VT - ACW016910_2/3	. 5-47
5.1.3.34 FAI203 - Drive train harness Dyna-VT - ACW016910_3/3	. 5-48
5.1.3.35 FAI203 - Drive train harness Dyna-6 GTA1540 - ACW016911_1/3	. 5-49
5.1.3.36 FAI203 - Drive train harness Dyna-6 GTA1540 - ACW016911_2/3	
5.1.3.37 FAI203 - Drive train harness Dyna-6 GTA1540 - ACW016911_3/3	
5.1.3.38 FAI203 - Drive train harness Dyna-4/Dyna-6 GTA2520 - ACW104556_1,	
5.1.3.39 FAI203 - Drive train harness Dyna-4/Dyna-6 GTA2520 - ACW104556_2	. 0 0 <u>2</u> /3
5.1.3.40 FAI203 - Drive train harness Dyna-4/Dyna-6 GTA2520 - ACW104556_3,	
E 1 2 41 FAI20E Flootrobudroulio valvos barrago 4207004	
5.1.3.41 FAI205 - Electrohydraulic valves harness - 4387694	
5.1.3.42 FAI205 - Electrohydraulic valves harness - 4292090	
5.1.3.43 FAl205 - Electrohydraulic valves harness - 4292091	
5.1.3.44 FAI205 - Electrohydraulic valves harness - 4292093	
5.1.3.45 FAI208 - Linkage with Dual Control and TIC harness - 4387797_1/2	
5.1.3.46 FAI208 - Linkage with Dual Control and TIC harness - 4387797_2/2	
5.1.3.47 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_1/8	. 5-61
5.1.3.48 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_2/8	5-62
5.1.3.49 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_3/8	
5.1.3.50 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_4/8	
5.1.3.51 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_5/8	
5.1.3.52 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_6/8	
5.1.3.53 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_7/8	
5.1.3.54 FAI210 - Cab drive train harness Dyna-4 municipal - 4391826_8/8	
5.1.3.55 FAI210 - Cab drive train harness Dyna-6 municipal - 4392642_1/9	. 5-65



5.1.3.56 FAI210 - Cab drive train harness Dyna-6 municipal - 4392642_2/9 !	5-70
	5-71
	5-72
	5-73
	5 - 74
	5-75 - 70
	5-76
5.1.3.63 FAI210 - Cab drive train harness Dyna-6 municipal - 4392642_9/9	5-77
	5-78
5.1.3.65 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_2/8	J=7 O
	5-79
5.1.3.66 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_3/8	
· · · · · · · · · · · · · · · · · · ·	5-80
5.1.3.67 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_4/8	
	5-81
5.1.3.68 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_5/8	
	5-82
5.1.3.69 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_6/8	
	5-83
5.1.3.70 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_7/8	E 0.4
5.1.3.71 FAI210 - Cab drive train harness Dyna-6 long console - ACW005784_8/8	5 - 84
	5-85
5.1.3.72 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_1/7	J-03
	5-86
5.1.3.73 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_2/7	5 00
, · · · · ·	5-87
5.1.3.74 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_3/7	
	5-88
5.1.3.75 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_4/7	
	5-89
5.1.3.76 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_5/7	
	5-90
5.1.3.77 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_6/7	- O1
	5-91
5.1.3.78 FAI210 - Cab drive train harness Dyna-4 long console - ACW017847_7/7	E 0.3
5.1.3.79 FAI210 - Cab drive train harness Dyna-VT short console -	J - 92
ACW039162_1/9	
5.1.3.80 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_2/9	
5.1.3.81 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_3/9	
5.1.3.82 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_4/9	
5.1.3.83 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_5/9	
5.1.3.84 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_6/9	5 - 98
5.1.3.85 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_7/9	
5.1.3.86 FAI210 - Cab drive train harness Dyna-VT short console -	
ACW039162_8/9	-100
ACW039162_9/9	-101
5.1.3.88 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_1/9	101
5.1.5.00 TAIZTO - Cab drive train harness bytta-0 short console - Acviossto7_1/5	102



5.1.3.89 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_2/9
5-103 5.1.3.90 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_3/9
5-104 5.1.3.91 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_4/9 5-105
5.1.3.92 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_5/9
5.1.3.93 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_6/9
5.1.3.94 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_7/9
5.1.3.95 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_8/9
5.1.3.96 FAI210 - Cab drive train harness Dyna-6 short console - ACW039167_9/9
5.1.3.97 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_1/10
5.1.3.98 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_2/10
5.1.3.99 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_3/10
5.1.3.100 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_4/10
5.1.3.101 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_5/10
5.1.3.102 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_6/10
5.1.3.103 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_7/10
5.1.3.104 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_8/10
5.1.3.105 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_9/10
5.1.3.106 FAI210 - Cab drive train harness Dyna-6 short console - ACW234544_10/10
5.1.3.107 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_1/10 5-121 5.1.3.108 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_2/10 5-122
5.1.3.106 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_2/10 5-122 5.1.3.109 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_3/10 5-123 5.1.3.110 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_4/10 5-124
5.1.3.110 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_4/10 5-125 5.1.3.111 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_6/10 5-126 5.1.3.112 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_6/10 5-126
5.1.3.113 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_7/10 5-127
5.1.3.115 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_9/10 5-129
5.1.3.116 FAI210 - Cab drive train harness Dyna-4 municipal - ACW242339_10/10
5.1.3.117 FAI210 - Cab drive train harness Dyna-VT short console - ACW243229_1/10
5.1.3.118 FAI210 - Cab drive train harness Dyna-VT short console - ACW243229_2/10
5.1.3.119 FAI210 - Cab drive train harness Dyna-VT short console - ACW243229_3/10
5.1.3.120 FAI210 - Cab drive train harness Dyna-VT short console - ACW243229_4/10
5.1.3.121 FAI210 - Cab drive train harness Dyna-VT short console - ACW243229_5/10



5.1.3.122	FAI21	0 -	Cab	drive	train	harness	Dyna-VT	short	console	-
ACW243229	_6/10									5-136
5.1.3.123	FAI21	0 -	Cab	drive	train	harness	Dyna-VT	short	console	-
ACW243229										5-137
5.1.3.124	FAI21	0 -	Cab	drive	train	harness	Dyna-VT	short	console	_
ACW243229	_8/10									. 5-138
5.1.3.125	FAI21	0 -	Cab	drive	train	harness	Dyna-VT	short	console	-
ACW243229										5-139
5.1.3.126	FAI21	0 -	Cab	drive	train	harness	Dyna-VT	short	console	_
ACW243229										5-140
5 1 3 127 FA										5-141
5.1.3.128 FA										
5 1 3 129 FA						,	•		_	
5 1 3 130 FA										
5.1.3.131 FA										
5.1.3.132 FA										
5.1.3.133 FA										
5.1.3.133 FA										
5.1.3.135 FA										
5.1.3.135 FA										
5.1.5.150 1 <i>F</i>	1210-	Cab	unve			•	•			
5 1 3 137 FA	1210	Cab	drivo				 unioinal /			
0.1.3.137 1 <i>F</i>	41210-	Cab	unve	ti alii i ia	1111622	•	•			
5 1 3 138	ΓΛΙΩ:		Cob		train					. 5-151
				anve	train		S Dyna-6	•	console	- - 1-0
ACW285998										. 5-152
5.1.3.139				arive	train		S Dyna-6	long	console	-
ACW285998										. 5-153
5.1.3.140				drive	train	harness	S Dyna-6	long	console	-
ACW285998										. 5-154
5.1.3.141				drive	traın	harness	S Dyna-6	long	console	_
ACW285998										. 5-155
5.1.3.142	FAI21			drive	train	harness	S Dyna-6	long	console	-
ACW285998										. 5-156
5.1.3.143	FAI21		Cab	drive	train	harness	Dyna-6	long	console	-
ACW285998										. 5-157
5.1.3.144	FAI21	10 -	Cab	drive	train	harness	S Dyna-6	long	console	-
ACW285998										. 5-158
5.1.3.145	FAI21	10 -	Cab	drive	train	harness	S Dyna-6	long	console	-
ACW285998										
5.1.3.146	FAI21	10 -	Cab	drive	train	harness	S Dyna-6	long	console	-
ACW285998	_9/9									. 5-160
5.1.3.147	FAI21	10 -	Cab	drive	train	harness	S Dyna-4	long	console	-
ACW287243	_1/9									5-161
5.1.3.148	FAI21	10 -	Cab	drive	train	harness	Byna-4	long	console	-
ACW287243										
5 1 3 149										
ACW287243										
5.1.3.150										
ACW287243										
5 1 3 151										
ACW287243										
5 1 3 152										
ACW287243										
5 1 3 153										
ACW287243										
5.1.3.154	_//ひ・ _//ひ・	 10	Cah	drivo	train	harnoss	Dyna 4	long	consolo	. 5-107
5.1.3.154 ACW287243										
MUVVZ0/Z43	0/3 .									. U-100



5.1.3.155 FAI210 - Cab drive train narness Dyna-4 long console	
ACW287243_9/9	5-169
5.1.3.156 FAI212 - Lighting harness Municipal cab - 4380685_1/3	5-170
5.1.3.157 FAI212 - Lighting harness Municipal cab - 4380685_2/3	
5.1.3.158 FAI212 - Lighting harness Municipal cab - 4380685_3/3	
5.1.3.159 FAI212 - Lighting harness EAME - ACW039170_1/3	
5.1.3.160 FAI212 - Lighting harness EAME - ACW039170_2/3	
5.1.3.161 FAI212 - Lighting harness EAME - ACW039170_3/3	
5.1.3.162 FAI212 - Lighting harness NA - ACW039182_1/3	
5.1.3.163 FAI212 - Lighting harness NA - ACW039182_2/3	
5.1.3.164 FAI212 - Lighting harness NA - ACW039182_3/3	
5.1.3.165 FAI212 - Lighting harness EAME - ACW125945_1/3	
5.1.3.166 FAI212 - Lighting harness EAME - ACW125945_2/3	
5.1.3.167 FAI212 - Lighting harness EAME - ACW125945_3/3	
5.1.3.168 FAI212 - Lighting harness municipal cab - ACW147899_1/3	
5.1.3.169 FAI212 - Lighting harness municipal cab - ACW147899_2/3	5-183
5.1.3.170 FAI212 - Lighting harness municipal cab - ACW147899_3/3	5-184
5.1.3.171 FAI219 - Cab interior current socket harness - 4290574_1/2	5-185
5.1.3.172 FAI219 - Cab interior current socket harness - 4290574_2/2	5-186
5.1.3.173 FAI219 - Cab interior current socket harness - 4290575_1/2	
5.1.3.174 FAI219 - Cab interior current socket harness - 4290575_2/2	
5.1.3.175 FAI223 - Roof harness standard with manual air conditioning	
4353057_1/3	
5.1.3.176 FAI223 - Roof harness standard with manual air conditioning	_
4353057_2/3	5-190
5.1.3.177 FAI223 - Roof harness standard with manual air conditioning	- - 101
4353057_3/3	5-191
5.1.3.178 FAI223 - Roof harness_High visibility - 4375395_1/3	
5.1.3.179 FAI223 - Roof harness_High visibility_4375395_2/3	
5.1.3.180 FAI223 - Roof harness_High visibility_4375395_3/3	
5.1.3.181 FAI223 - Roof harness_standard_municipal_cab_ACW001936_1/3	5-195
5.1.3.182 FAI223 - Roof harness_standard_municipal_cab_ACW001936_2/3	5-196
5.1.3.183 FAI223 - Roof harness_standard_municipal_cab_ACW001936_3/3	5-197
5.1.3.184 FAI225 - Electric rear-view mirror harness - 4352622_1/2	5-198
	5-199
5.1.3.186 FAI227 - Roof harness with automatic air conditioning - 4352621_1/3	5-200
5.1.3.187 FAI227 - Roof harness with automatic air conditioning - 4352621_2/3	5-201
5.1.3.188 FAI227 - Roof harness with automatic air conditioning - 4352621_3/3	5-202
5.1.3.189 FAI228 - Number plate lighting harness - 4353107_1/2	
5.1.3.190 FAI228 - Number plate lighting harness - 4353107_2/2	
5.1.3.191 FAI228 - Number plate lighting harness - 4357222_1/2	
5.1.3.192 FAI228 - Number plate lighting harness - 4357222_1/2	
•	5-208
•	5-209
, –	5-210
,	5-211
,	5-212
5.1.3.199 FAI243 - Circuit breaker harness - ACW207512_1/2	5-213
5.1.3.200 FAI243 - Circuit breaker harness - ACW207512 _2/2	5-214
	5-215
<u> </u>	5-216
5.1.3.203 FAI253 - Hand rail harness - 4390260_1/2	
5.1.3.204 FAI253 - Hand rail harness - 4390260_2/2	
5.1.3.205 FAI253 - Hand rail harness - 4390262_1/2	
5.1.3.206 FAI253 - Hand rail harness - 4390262_1/2	
5.1.3.207 FAI260 - Cooling unit harness - 4350584_1/2	
5.1.3.208 FAI260 - Cooling unit harness - 4350584_1/2	
-5.1.5.200 - 1 A1200 - COOIIIIY WIIL HAITIESS - 4500004_2/2	リー ム



5.1.3.209 FAI261 - Isobus harness - 4353130_2/2	. 5-223
5.1.3.210 FAI261 - Isobus harness - 4353130_1/2	
5.1.3.211 FAI261 - Isobus harness - 4353133	5-225
5.1.3.212 FAI262 - Auto-Guide™ engine harness - 4296810_1/2	
5.1.3.213 FAI262 - Auto-Guide™ engine harness - 4296810_2/2	
5.1.3.214 FAI263 - Auto-Guide™ cab adapter harness - 4353936_1/2	
5.1.3.215 FAI263 - Auto-Guide™ cab adapter harness - 4353936_2/2	
5.1.3.216 FAI263 - Auto-Guide™ cab adapter harness - ACW216732_1/2	
5.1.3.217 FAI263 - Auto-Guide™ cab adapter harness - ACW216732_2/2	
5.1.3.218 FAI264 - Auto-Guide TM roof adapter harness - ACW214003_1/2	
5.1.3.219 FAI264 - Auto-Guide TM roof adapter harness - ACW214003_2/2	
5.1.3.220 FAI264 - Auto-Guide TM roof adapter harness - ACW215610_1/2	
5.1.3.221 FAI264 - Auto-Guide TM roof adapter harness - ACW215610_2/2	
5.1.3.222 FAI265 - Air brake harness Dyna-VT - ACW016912_1/2	
5.1.3.223 FAI265 - Air brake harness Dyna-VT - ACW016912_2/2 5.1.3.224 FAI265 - Air brake harness Dyna-6 - ACW016913_1/2	
•	
•	
5.1.3.226 FAl265 - Air brake harness Dyna-6- ACW034317_1/2 5.1.3.227 FAl265 - Air brake harness Dyna-6- ACW034317_2/2	
5.1.3.228 FAI265 - Air brake harness - ACW125716_1/2	
5.1.3.229 FAI265 - Air brake harness - ACW125716_2/2	
5.1.3.230 FAI268 - Front function harness EAME - 4387691_1/3	
5.1.3.231 FAI268 - Front function harness EAME - 4387691_2/3	
5.1.3.232 FAI268 - Front function harness - 4387692_1/2	
5.1.3.233 FAI268 - Front function harness - 4387692_2/2	
5.1.3.234 FAI268 - Front function harness EAME - 4387691_3/3	
5.1.3.235 FAI268 - Front function harness - 4387693_1/2	
5.1.3.236 FAI268 - Front function harness - 4387693_2/2	
5.1.3.237 FAI268 - Front function harness - ACW104554_1/2	
5.1.3.238 FAI268 - Front function harness - ACW104554_2/2	
5.1.3.239 FAI268 - Front function harness - ACW104555_1/2	
5.1.3.240 FAI268 - Front function harness - ACW104555_2/2	
5.1.3.241 FAI272 - Suspended cab harness - ACW003763_1/2	
5.1.3.242 FAI272 - Suspended cab harness - ACW003763_2/2	
5.1.3.243 FAI272 - Suspended cab harness Dyna-6 - ACW039185_1/2	
5.1.3.244 FAI272 - Suspended cab harness Dyna-6 - ACW039185_2/2	
5.1.3.245 FAI272 - Suspended cab harness Dyna-VT - ACW060395_1/2	
5.1.3.246 FAI272 - Suspended cab harness Dyna-VT - ACW060395_/2	
5.1.3.247 FAI283 - TopDock harness - 4377536_1/2	
5.1.3.248 FAI283 - TopDock harness - 4377536_2/2	
5.1.3.249 FAI287 - ALO loader harness external without multi-function armres	st -
4378794_1/2	5-263
5.1.3.250 FAI287 - ALO loader harness external without multi-function armres	st -
4378794_2/2	
5.1.3.251 FAI287 - ALO loader harness internal without multi-function armres	st -
4378879_1/2	
5.1.3.252 FAI287 - ALO loader harness internal without multi-function armres	st -
4378879_2/2	
5.1.3.253 FAI290 - Non-Isobus implement connector harness - 4296266_1/2 .	5-267
5.1.3.254 FAI290 - Non-Isobus implement connector harness - 4296266_2/2	
5.1.3.255 FAI292 - NA direction indicator harness - 4350987	
5.1.3.256 FAI292 - NA direction indicator harness - 4355519_1/2	
5.1.3.257 FAI292 - NA direction indicator harness - 4355519_2/2	
5.1.3.258 FAI292 - NA direction indicator harness - 4376780_1/2	
5.1.3.259 FAI292 - NA direction indicator harness - 4376780_2/2	
5.1.3.260 FAI293 - EAME direction indicator harness - 4350988	
5.1.3.261 FAI294 - Additional heater harness - 4299327_1/2	
5 1 3 262 FAI294 - Additional heater harness - 4299327 2/2	5-276



5.1.3.263 FAI293 - EAME direction indicator harness - 4355520_1/2	
5.1.3.264 FAI293 - EAME direction indicator harness - 4355520_2/2	
5.1.3.265 FAI299 - Battery isolator harness - 4387426_1/2	
5.1.3.266 FAI299 - Battery isolator harness - 4387426_2/2	
5.1.3.267 FAI299 - Battery isolator harness - ACW028832_1/2	
5.1.3.268 FAI299 - Battery isolator harness - ACW028832_2/2	
5.1.3.269 FAI300 - Air conditioning shunt harness - 4353106	5-283
5.1.3.270 FAI305 - Engine exhaust harness - 4348876	5-284
5.1.3.271 FAI306 - TopCon harness	5-285
5.1.3.272 FAI307 - Datatronic 4 harness - 4353638_1/2	
5.1.3.273 FAI307 - Datatronic 4 harness - 4353638_2/2	
5.1.3.274 FAI307 - Datatronic 4 harness - 4390934_1/2	
5.1.3.275 FAI307 - Datatronic 4 harness - 4390934_2/2	
5.1.3.276 FAI307 - Datatronic 4 harness - ACW209580_1/2	
5.1.3.277 FAI307 - Datatronic 4 harness - ACW209580_2/2	
5.1.3.278 FAI307 - Datatronic 5 harness - ACW352676_1/2	
5.1.3.279 FAI307 - Datatronic 5 harness - ACW352676_2/2	
5.1.3.280 FAI310 - Battery/battery isolator negative cable harness - 4374612_1/2	
5.1.3.281 FAI310 - Battery/battery isolator negative cable harness - 4374612_2/2	
5.1.3.282 FAI310 - Battery/battery isolator negative cable harness - 4389477	
5.1.3.283 FAI311 - Battery/starter positive cable harness - ACW024867	
5.1.3.284 FAI312 - Cab/starter negative cable harness - 4350547_1/2	
5.1.3.285 FAI312 - Cab/starter negative cable harness - 4350547_1/2	
5.1.3.286 FAI312 - Cab/starter negative cable harness - 4330347_2/2	
5.1.3.287 FAI313 - Cab/battery isolator negative cable harness - 4350680_1/2	
5.1.3.288 FAI313 - Cab/battery isolator negative cable harness - 4350680_2/2 F1.2.389 FAI313 - Cab/battery isolator negative cable harness - 435047F	
5.1.3.289 FAI313 - Cab/battery isolator negative cable harness - 4389475	
5.1.3.290 FAI314 - Alternator harness - 4388664_1/2	
5.1.3.291 FAI314 - Alternator harness - 4388664_2/2	
5.1.3.292 FAI314 - Alternator harness- 4390055_1/2	
5.1.3.293 FAI314 - Alternator harness- 4390055_2/2	
5.1.3.294 FAI314 - Alternator harness- 4390365_1/2	
5.1.3.295 FAI314 - Alternator harness- 4390365_2/2	
5.1.3.296 FAI314 - Alternator harness (right-hand) - ACW031995_1/2	
5.1.3.297 FAI314 - Alternator harness (right-hand) - ACW031995_2/2	
5.1.3.298 FAI317 - Vistronic harness - 4392053_1/2	
5.1.3.299 FAI317 - Vistronic harness - 4392053_2/2	5-313
5.1.3.300 FAl321 - GSPTO harness - ACW008066_1/2	5-314
5.1.3.301 FAl321 - GSPTO harness - ACW008066_2/2	
5.1.3.302 FAI323 - Hydraulic safety harness Load Sensing - 4355616_1/2	5-316
5.1.3.303 FAI323 - Hydraulic safety harness Load Sensing - 4355616_2/2	5-317
5.1.3.304 FAI325 - Power take-off electric selector harness - 4377601_1/2	5-318
5.1.3.305 FAI325 - Power take-off electric selector harness - 4377601_2/2	5-319
5.1.3.306 FAI325 - Power take-off electric selector harness 2 speeds	_
4388702 1/2	
5.1.3.307 FAI325 - Power take-off electric selector harness 2 speeds	_
·	
5.1.3.308 FAI325 - Power take-off electric selector harness 3 speeds	
·	
5.1.3.309 FAI325 - Power take-off electric selector harness 3 speeds	
4388703_2/2	
5.1.3.310 FAI327 - GPA 20 to GPA 20+ adapter harness - 4377849_1/2	
5.1.3.311 FAI327 - GPA 20 to GPA 20+ adapter harness - 4377849_2/2	
5.1.3.312 FAI340 - Battery/fuse box positive cable harness - 4347791_2/2	
5.1.3.313 FAI340 - Battery/fuse box positive cable harness - 4347791_1/2	
5.1.3.314 FAI340 - Battery/fuse box positive cable harness - ACW029172	
5.1.3.315 FAI354 - External loader harness - 4374651_1/2	
5.1.3.316 FAI354 - External loader harness - 4374651 <i>212</i>	5-330



	5.1.3.317 FAI353 - Loader harness - ACW138345_1/2 5-	
	5.1.3.318 FAI353 - Loader harness - ACW138345_1/2 5-	332
	5.1.3.319 FAI355 - Harness for the left-hand alternator and grid heater - 4387305_1/2	-333
	5.1.3.320 FAI355 - Harness for the left-hand alternator and grid heater -	
	4387305_2/2	334
	ACW031997_1/2	335
	5.1.3.322 FAI355 - Harness for the left-hand alternator and grid heater - ACW031997_2/2	336
	5.1.3.323 FAI355 - Harness for the left-hand alternator and grid heater -	
	ACW031999	
	5.1.3.325 FAI360 - TopDock harness - 4377537-2/2 5-	
	5.1.3.326 FAI361 - Adapter harness for wheel angle sensor - 4392928 5-	
	5.1.3.327 FAI364 - Adapter harness for suspended front axle position sensor -	
	4391131-1/2	341
	5.1.3.328 FAI364 - Adapter harness for suspended front axle position sensor - 4391131-2/2	242
	5.1.3.329 FAI368 - LED light adapter harness - ACW251462	342
	5.1.3.330 FAI368 - LED light adapter harness - ACW347860_1/2 5-	
	5.1.3.331 FAI368 - LED light adapter harness - ACW347860_2/2 5-	
	5.1.3.332 FAI379 - ABS trailer connector harness - ACW117528_1/2 5-	
	5.1.3.333 FAI379 - ABS trailer connector harness - ACW117528_2/2 5-	
6 Hvdraulics d	iagrams	G 1
_		
	aulics diagrams	
0.1.1	6.1.1.1 HFD01021 - Auxiliary hydraulics diagram: all options -ML140	
	6.1.1.2 HFD01021 - Auxiliary hydraulics diagram: all options - ML180	
	6.1.1.3 HFD01022 - Standard auxiliary hydraulics diagram ML180/ML140	
	6.1.1.4 HFD01027 - Auxiliary hydraulics diagram: all options, GTA1540	
	6.1.1.5 HFD01028 - Standard auxiliary hydraulics diagram GTA1540	
	6.1.1.6 HFD01031 - Hydraulics diagram: all options, GTA2520 Open Center 57 L/	
	min	
	6.1.1.7 HFD01032 - Standard hydraulics diagram GTA2520 Open Center 57 L/	
	min	5-13
	100 L/min	3_14
	6.1.1.9 HFD01034 - Standard hydraulics diagram GTA2520 Open Center 100 L/	J 17
	min	6-15
	6.1.1.10 HFD01046 - Hydraulics diagram: all options, GTA2520 Load Sensing 6	3-16
	6.1.1.11 HFD01047 - Standard hydraulics diagram GTA2520 Load Sensing 6	6-17
	6.1.1.12 HFD01064 - Auxiliary hydraulics diagram with all options, GTA1540	
	Mother Regulation	3-18
	6.1.1.13 HFD01065 - auxiliary hydraulics diagram with all options, ML180 Mother	
	Regulation	o-19
	6.1.1.14 HFD01071 - Auxiliary hydraulics diagram with all options, GTA2520 Open Center 57 L/min Mother Regulation	a 20
	6.1.1.15 HFD01072 - Auxiliary hydraulics diagram with all options, GTA2520	J - ZU
	Open Center 100 L/min Mother Regulation	3- 21
	6.1.1.16 HFD01073 - Auxiliary hydraulics diagram with all options, GTA2520 Load	
	Sensing Mother Regulation	6 - 22
	6.1.1.17 HFD02009 - Hydraulics diagram: ML180/ML140 Auto-Guide™/	
	SpeedSteer steering system	3 - 23



6.1.1.19 HFD03039 - Hydraulics diagram: ML180 brake system with trailer brake	
and ParkLock	6-25
6.1.1.20 HFD03040 - Hydraulics diagram: ML180/ML140 brake system with	
trailer air brake	6-26
6.1.1.21 HFD03041 - Hydraulics diagram: ML180/ML140 brake system without	
trailer brake	6-2/
6.1.1.22 HFD03042 - Hydraulics diagram: GTA1540 high-pressure braking with	
Auto-Guide™ steering and pneumatic trailer brake	6-28
6.1.1.23 HFD03043 - Hydraulics diagram: GTA1540 high pressure braking with	
trailer brake	6-29
Guide™ steering and pneumatic trailer brake	6-30
6.1.1.25 HFD03045 - Hydraulics diagram: GTA1540 assisted braking with trailer	
brake	6-31
6.1.1.26 HFD03046 - Hydraulics diagram: GTA1540 high-pressure braking with	
Auto-Guide™ steering	
6.1.1.27 HFD03047 - Hydraulics diagram: GTA1540 high pressure braking	
6.1.1.28 HFD03048 - Hydraulics diagram: GTA1540 assisted braking with Auto-	
Guide™	6-34
6.1.1.29 HFD03049 - Hydraulics diagram: GTA1540 assisted braking	
6.1.1.30 HFD03050 - Hydraulics diagram: GTA1540 ParkLock	
6.1.1.31 HFD03051 - Hydraulics diagram: GTA2520 Open Center 57 L/min	
assisted braking with front axle suspension and trailer brake	6-37
6.1.1.32 HFD03052 - Hydraulics diagram: GTA2520 Open Center 57 L/min	
assisted braking	
6.1.1.33 HFD03053 - Hydraulics diagram: GTA2520 Open Center 57 L/min high	
pressure braking with trailer brake and front axle suspension	
6.1.1.34 HFD03054 - Hydraulics diagram: GTA2520 Open Center 57 L/min high	
pressure braking with front axle suspension	
6.1.1.35 HFD03055 - Hydraulics diagram: GTA2520 Open Center 100 L/min	
assisted braking with trailer brake and front axle suspension	6-41
6.1.1.36 HFD03056 - Hydraulics diagram: GTA2520 Open Center 100 L/min	
assisted braking	
6.1.1.37 HFD03057 - Hydraulics diagram: GTA2520 Open Center 100 L/min high	
pressure braking with trailer brake and front axle suspension	6-43
6.1.1.38 HFD03058 - Hydraulics diagram: GTA2520 Open Center 100 L/min high	
pressure braking with front axle suspension	6-44
6.1.1.39 HFD03059 - Hydraulics diagram: GTA2520 Load Sensing high-pressure	
braking with pneumatic trailer brake and Auto-Guide™ steering	6-45
6.1.1.40 HFD03060 - Hydraulics diagram: GTA2520 Load Sensing high pressure	
	6-46
6.1.1.41 HFD03061 - Hydraulics diagram: GTA2520 Load Sensing assisted	0.4-
braking with pneumatic trailer brake and Auto-Guide™ steering	6-4/
6.1.1.42 HFD03062 - Hydraulics diagram: GTA2520 Load Sensing assisted	C 40
5	6-48
6.1.1.43 HFD03063 - Hydraulics diagram: GTA2520 Load Sensing high-pressure	0.40
	6-49
6.1.1.44 HFD03064 - Hydraulics diagram: GTA2520 Load Sensing high pressure	0.50
	6-50
6.1.1.45 HFD03065 - Hydraulics diagram: GTA2520 Load Sensing assisted	C [4
5	6-51
6.1.1.46 HFD03066 - Hydraulics diagram: GTA2520 Load Sensing assisted	6 50
braking	
6.1.1.47 HFD04004 - Hydraulics diagram: ML140/ML180 rear linkage	
6.1.1.48 HFD04006 - Hydraulics diagram: GTA1540 rear linkage	
6.1.1.49 HFD05004 - Hydraulies diagram: ML140/ML180 front linkage	
6.1.1.50 HFD05006 - Hydraulics diagram: GTA1540 front linkage with spool	
valves	0-06



		6.1.1.51 HFD05007 - Hydraulics diagram: GTA1540 front linkage 6-	-57
		6.1.1.52 HFD05008 - Hydraulics diagram: GTA2520 Load Sensing front linkage	- .
		and front spool valves with front set	-ხზ
		6.1.1.53 HFD05009 - Hydraulics diagram: GTA2520 Load Sensing front linkage without front set	_5C
		6.1.1.54 HFD06006 - Hydraulics diagram: ML180/ML140 auxiliary	
		electrohydraulic spool valves6-	-60
		6.1.1.55 HFD06008 - Hydraulics diagram: GTA1540 mechanical auxiliary	
		hydraulic spool valves	-61
		6.1.1.56 HFD06009 - Hydraulics diagram: ML180/ML140 auxiliary	
		electrohydraulic and mechanical spool valves6-	62
		6.1 1.57 HFD06010 - Hydraulics diagram: GTA1540 auxiliary electrohydraulic and	
		mechanical spool valves	-63
		6.1.1.58 HFD06011 - Hydraulics diagram: GTA1540 auxiliary electrohydraulic spool valves	61
		6.1.1.59 HFD06012 - Hydraulics diagram: GTA2520 Load Sensing rear spool	-04
		valves, four mechanical and Power Beyond6-	-6F
		6.1.1.60 HFD06013 - Hydraulics diagram: GTA2520 Load Sensing rear spool	
		valves, two mechanical and two electrohydraulic 6-	-66
		6.1.1.61 HFD06014 - Hydraulics diagram: GTA2520 Load Sensing rear spool	
		valves, four electrohydraulic and Power Beyond6-	
		6.1.1.62 HFD07004 - Hydraulics diagram: ML140/ML180 auto-hitch 6-	
		6.1.1.63 HFD07006 - Hydraulics diagram: GTA1540 auto-hitch 6-	
		6.1.1.64 HFD08004 - Hydraulics diagram: ML180 suspended front axle 6-	
		6.1.1.65 HFD08006 - Hydraulics diagram: GTA1540 suspended front axle 6-	
		6.1.1.66 HFD10000_1 - Hydraulics diagram: ALO loader 6-6.1.1.67 HFD10009 - Hydraulics diagram: ML140/ML180 tractor with loader 6-	
		6.1.1.68 HFD10013 - Hydraulics diagram: GTA1540 tractor with loader 6-	
		6.1.1.69 HFD10014 - Hydraulics diagram: GTA2520 Load Sensing loader with	/ 4
		front set	-75
		6.1.1.70 HFD10015 - Hydraulics diagram: GTA2520 Load Sensing loader without	
		front set 6-	
		6.1.1.71 Transmission hydraulics diagram 6-	-77
7	Dogumetic d	iagrams	7 1
/			
		matic diagrams	
	7.1.1	Pneumatic diagrams	/-5 7 5
		7.1.1.2 PFD01016 - GPA20 pneumatic trailer braking	
		7.1.1.3 PFD01022 - Pneumatic diagram ML140/ML180 (Mother Regulation)	
		7.1.1.4 PFD01023 - Pneumatic diagram GPA40 (Mother Regulation)	
		7.1.1.5 PFD01024 - Pneumatic diagram GPA20 (Mother Regulation)	
_			
8		s, bleeding and calibrations	
		ling	
	8.1.1	Bleeding: Dyna-VT - assisted brake master cylinders	
		8.1.1.1 Charge connector	
		8.1.1.2 Pressure connector	
		8.1.1.4 Procedure for bleeding the assisted braking system	
	812	Bleeding: Dyna-4/Dyna-6 - assisted brake master cylinders	
	0.1.2	8.1.2.1 Charge connector	
		8.1.2.2 Pressure connector - Load Sensing system	
		8.1.2.3 Pressure connector - Open Center system	8-7
		8.1.2.4 Bleed screw locations	
		8.1.2.5 Procedure for bleeding the assisted braking system	
	8.1.3	Bleeding: Dyna-4/Dyna-6 - high-pressure braking	
		8.1.3.1 Bleed screw locations	-10



	8.1.3.2 Procedure for bleeding the high-pressure braking system	j- ∠
8.2	Calibrations	3-14
	8.2.1 Calibrating the automatic disengagement of the differential and 4-wheel drive 8	3-14
	8.2.2 Calibration of the forward-travel lever	
	8.2.3 Forward speed calibration	3-18
	8.2.4 Front power take-off calibration for Dyna-4/Dyna-6	3-18
	8.2.5 Calibration of the Dyna-4 and Dyna-6 PowerShuttle transmission	3-19
	8.2.6 Calibrating the power sensor on transmission Dyna-6/Dyna-4	3-22
	8.2.7 Dyna-VT transmission calibrations: Introduction and access to calibration using the	
	instrument panel	
	8.2.8 Calibration of the high/low speed ranges (Hare/Tortoise) for Dyna-VT 8	3-24
	8.2.9 Dyna-VT transmission calibration	
	8.2.10 Calibration of the Dyna-VT coupler function	3-26
	8.2.11 Rear power take-off calibration for Dyna-VT	
	8.2.12 Front power take-off calibration Dyna-VT	
	8.2.13 Dyna-VT transmission calibration error code	
	8.2.14 Calibration of the clutch pedal sensor	
	8.2.15 Calibration of the throttle pedal sensor	
	8.2.16 Calibrating the rear linkage	
	8.2.17 Calibration of the front linkage position sensor	
	8.2.18 Calibrate the suspended front axle	
	8.2.19 Calibration of the left/right steering angle sensor (WAS)	
	8.2.20 Calibration of the centring steering angle sensor (WAS)	
	8.2.21 Left/right steering angle sensor (WAS) calibration error code	
	8.2.22 Angle sensor (WAS) centring calibration error code	
	8.2.23 Calibrations to be carried out using the diagnostic tool	
	8.2.23.1 Calibrating the forward travel lever on the armrest	
	8.2.23.2 Calibration of the FingerTIP controls on the armrest	
	8.2.23.3 Calibration of the FingerTIPs on the console	
	8.2.23.4 Joystick calibration	
	8.2.23.5 Calibrating the forward travel lever on the armrest	
	8.2.23.6 Calibrating the hand throttle	
	8.2.23.7 Calibrating the depth control thumb wheel	3-68



1. General Information

	General specifications
	1.1.1 General specifications for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-3
	1.1.1.1 Models MF 7700 S Dyna-4
	1.1.1.2 Models MF 7700 S Dyna-6
	1.1.1.3 MF 7700 S Dyna-VT models
	1.1.2 General specifications for MF 7720 S, MF 7722 S, MF 7724 S and MF 7726 S models 1-28
	1.1.2.1 Models MF 7700 S Dyna-6
	1.1.2.2 Models MF 7700 S Dyna-VT
1.2	Forward speeds
	1.2.1 Forward speeds for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-50
	1.2.1.1 Forward speed at maximum speed with Dyna-4 40 kph transmission and
	20.8R38 tires
	1.2.1.2 Forward speed at maximum speed with Dyna-6 40 kph transmission and
	20.8R38 tires
	1.2.1.3 Forward speed at maximum speed with Dyna-6 50 kph transmission and
	20.8R38 tires
	1.2.1.4 Forward speed for all models with Dyna-VT transmission
	1.2.2 Forward speeds for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models 1-5!
	1.2.2.1 Forward speed at maximum speed with Dyna-6 40 kph transmission: and
	20.8R42 tires
	1.2.2.2 Forward speed at maximum speed with Dyna-6 50 kph transmission: and
	20.8R42 tires
	1.2.2.3 Forward speed with Dyna-6 transmission, 40 kph and 50 kph with creeper
	speed option and 20.8R42 tires
	1.2.2.4 Forward speed for all models with Dyna-VT transmission
13	Dimensions and weights
1.0	1.3.1 Dimensions and weights for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models
	1.6.1 Dimensions and weights for fvir 7714-6, fvir 7716-6, fvir 7716-6 and fvir 7716-6 incodes
	1.3.1.1 Dimensions and weights
	1.3.1.1 Dimensions and weights
	1.3.1.1 Dimensions and weights
1 /	1.3.1.1 Dimensions and weights 1-6 1.3.2 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models 1-6 1.3.2.1 Dimensions and weights 1-6
1.4	1.3.1.1 Dimensions and weights
1.4	1.3.1.1 Dimensions and weights 1-6 1.3.2 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models 1-6 1.3.2.1 Dimensions and weights 1-6 Attachment points 1-7 1.4.1 Attachment points for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-7
1.4	1.3.1.1 Dimensions and weights 1-6 1.3.2 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models 1-6 1.3.2.1 Dimensions and weights 1-6 Attachment points 1-7 1.4.1 Attachment points for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-7 1.4.1.1 Attachment points: Dyna-4/Dyna-6 models without front linkage 1-7
1.4	1.3.1.1 Dimensions and weights 1-6 1.3.2 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models 1-6 1.3.2.1 Dimensions and weights 1-6 4 Attachment points 1-79 1.4.1 Attachment points for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-79 1.4.1.1 Attachment points: Dyna-4/Dyna-6 models without front linkage 1-79 1.4.1.2 Attachment points: Dyna-4/Dyna-6 models with front linkage 1-79
1.4	1.3.1.1 Dimensions and weights
1.4	1.3.1.1 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models
	1.3.1.1 Dimensions and weights
	1.3.1.1 Dimensions and weights
	1.3.1.1 Dimensions and weights
	1.3.1.1 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models
	1.3.1.1 Dimensions and weights 1-6 1.3.2 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models 1-6 1.3.2.1 Dimensions and weights 1-6 Attachment points 1-7 1.4.1 Attachment points for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-7 1.4.1.1 Attachment points: Dyna-4/Dyna-6 models without front linkage 1-7 1.4.1.2 Attachment points: Dyna-VT models without front linkage 1-7 1.4.1.3 Attachment points: Dyna-VT models without front linkage 1-7 1.4.1.4 Attachment points: Dyna-VT models with front linkage 1-7 1.4.2 Attachment points for , MF 7720 S, MF 7722 S, MF 7724 S and MF 7726 S models 1-8 1.4.2.1 Attachment points: Dyna-6 models without front linkage (Imperial: 4.4 US ton) 1-8 1.4.2.3 Attachment points: Dyna-VT models without front linkage (Imperial: 4.4 US ton) 1-8 1.4.2.4 Attachment points: Dyna-VT models without front linkage (Imperial: 4.4 US ton) 1-8 1.5.1 Capacities for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models 1-8 1.5.1.1 capacities for , MF 7720 S, MF 7722 S, MF 7724 S and MF 7726 S models 1-8 1.5.2 Capacities for , MF 7720 S, MF 7722 S, MF 7724 S and MF 7726 S models 1-8
	1.3.1.1 Dimensions and weights for , MF 7720 S, MF 7722 S, MF 7724 S, and MF 7726 S models



	1.5.3 Accumulator pressure and volume	1-9
1.6	ightening torques, retaining compounds and sealing products	1-92
	1.6.1 Retaining compounds and sealing products	1-92
	1.6.2 Tightening torques for screws and nuts	
	1.6.3 Tightening torques for hydraulic unions	
1.7	nits of measurement	. 1-10°
	1.7.1 Conversion table	1_101



1.1 General specifications

1.1.1 General specifications for MF 7714 S, MF 7715 S, MF 7716 S and MF 7718 S models

1.1.1.1 Models MF 7700 S Dyna-4

Eng	jine	
Model	MF 7714 S	MF 7715 S
Brand	AGCO	Power
Туре	66 AV	VF-T4F
Nominal power hp ISO (kW) at an engine speed of 2100 rpm	130 (96)	140 (103)
Maximum power hp ISO (kW) at an engine speed of 1950 rpm	140 (103)	150 (110)
Maximum EPM power hp ISO (kW) at an engine speed of 1950 rpm	165 (121)	175 (129)
Maximum EPM torque (Nm)	675 Nm	732 Nm
Engine displacement (in liters)	6.6	
Piston travel	120 mm	
Piston diameter	108 mm	
Compression ratio	17,8 bar ± 1 bar	
Number of cylinders	6	
Idle speed, hand brake engaged	750 rpm	
Idle speed, hand brake disengaged	850 rpm	
Nominal speed	2100 rpm	
Maximum speed	2160 rpm	
Engine weight	590 kg	
High-pressure pump brand	Bosch	
Fuel injection type	Common rail CP4.2	
Firing order	1-5-3-6-2-4	
Maximum pressure in the high-pressure system	2000 bar	
Injector brand	Bosch	
Injector type	CRIN 3.20	
Charge pump type	Manual	
Fuel prefilter filtration capacity	10 μ	
Main fuel filter filtration capacity	5 μ	



Engine Engine		
Model	MF 7714 S MF 7715 S	
Low-pressure system pressure at minimum speed	0,5 bar to 8,5 bar	
Low-pressure system pressure at maximum speed	0,5 bar to 8,5 bar	
Recommended oil:	API CJ4 or ACEA E9	
Maximum operating tilt (precautions)	25° pitch	
	20° roll	
Oil/fuel consumption	Maximum 0.2%	
Lubrication system	Gear pump	
Oil cooling system	Oil/water heat exchanger	
Oil pressure at minimum speed	1,5 bar	
Oil pressure at maximum speed	2,5 bar at 5 bar depending on the temperature	
Relief valve adjustment pressure	5 bar (spring pressure)	
Air suction type	Turbocharged with air/air intercooler	
Air preheating type	Grid heater with relay controlled by the ECU	
Number of valves	24	
Valve clearance value	0,35 mm (inlet and exhaust)	
Engine cooling system	Coolant	
Fan type	Vistronic	
Thermostat begins to open at	83 °C	
Coolant temperature	-35 °C to 106 °C	
Air compressor brand for the brake system	Knorr Bremse	
Type of compressor	Piston	
Pressure range:	6,5 bar to 8 bar	
Block preheater	110 or 220 volts	
Fuel preheater	Not available	
Urea preheater	Tank: coolant	
Exhaust fumes recirculation system	Pump module and supply lines: electric	
DOC + SCR system (injection of Diesel Exhaust Fluid (DEF))	DOC with metal substrate (exhaust fumes oxidation catalyzer)	
	SCR Technology with two ceramic substrates (exhaust fume treatment)	
Safety system	NOx sensors at exhaust inlet and outlet	
Device brand	Bosch Denox 2.2+	



Engine Engine		
Model	MF 7714 S	MF 7715 S
Type of control	Engine controller EEM4	
Urea solidification temperature	-11 °C	
Oil vapor recirculation system	Closed system breather (C	CCV)
Belt: Air conditioning compressor/left-hand alternator	Poly V belt	
Belt: Fan/right-hand alternator	Poly V belt	
Belt: Air compressor	Poly V belt	

Rear axle transmission		
Model	MF 7714 S, MF 7715 S	
Gearbox type	GBA25	
Number of ratios	4	
Number of ranges	4	
Number of gears	16/16	
Super creeper gears	14/1	
Number of gears with super creeper gears	32/32	
Maximum speed	40 km/h	
Rear axle type	GPA23	
Number of pinion/crown wheel teeth	8/39	
Rear axle ratio	27.161	
4WD ratio	0.830	
Final drive type	Super Heavy Duty (SHD)	
Final drive reduction ratio	(64+14)/14	
Maximum 4WD clutch torque	206 daNm	
Number of 4WD disks	6 disks	
Main brake type	Disk	
Number of disks per side	1 disk	
Braking pressure	-	
Parking brake type	Hand brake	
Trailer brake type	Hydraulic and pneumatic with built-in antifreeze pump	
Pneumatic trailer braking pressure	6,9 bar to 8,3 bar	

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com